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Molecular determinants
of hippocampal
fast excitatory and inhibitory
synaptic transmission

Marta Ruipérez Alonso

Front Cover by Beatriz Ruipérez Alonso.
Images from experimental data obtained by Marta Ruipérez Alonso.
Mouse brain image from www.civm.duhs.duke.edu

The brain is an extremely complex puzzle that challenges scientists to disentangle the many pieces that contribute to its functioning. MRA

The research described in this thesis was performed at the department of Integrative Neurophysiology in collaboration with the department of Molecular and Cellular Neurobiology, at the Center for Neurogenomics and Cognitive Research, Neuroscience Campus Amsterdam, Vrije University, Amsterdam, The Netherlands.

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VRIJE UNIVERSITEIT

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fast excitatory and inhibitory
synaptic transmission**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan
de Vrije Universiteit Amsterdam,
op gezag van de rector magnificus
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in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de Faculteit der Aard- en Levenswetenschappen
op dinsdag 22 november 2016 om 09.45 uur
in het auditorium van de universiteit,
De Boelelaan 1105

door

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geboren te Madrid, Spanje

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